

## **ABSTRACT OF THE DISCLOSURE**

A downward mechanism for support pins is applicable to a reactor of removable type. Support pins are located on the base of the reactor, and each  
5 support pin has a base thereunder. The downward mechanism has an elevator mechanism and a board fixed thereto. The board has several holes for the pin and the base to pass respectively therethrough. Each hole elongates into a slit allowing each of the support pins, only, to pass respectively therethrough.